ROLE PROFILE

Role Title	Development Officer – IT	Reporting to	DS YHRCCU Prepare
Section	YHRCCU Prepare	Division/Department	YHROCU
Tenure		Rank/Grade	SO2

Part A – JOB DESCRIPTION

Overall purpose of role (To be completed in line with the Excel principles)	To design, code, test and implement new IT solutions using appropriate standards and methodologies to ensure that applications are developed to meet user requirements.

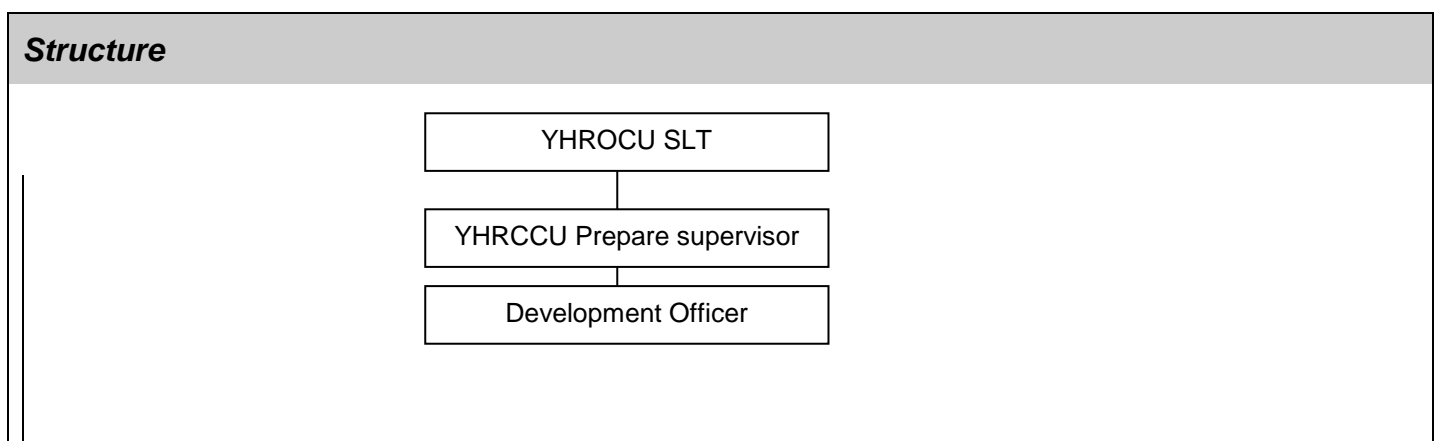| Key outputs for role –	% time
1. Lead by example and behave in line with the Police Code of Ethics ensuring that the force values and behavioural expectations are clearly understood and considered by managers, officers and staff in their decision making and actions; reinforcing and influencing them through all interactions and processes. 2. Work on own, or within a team designing and developing new or replacement applications/interfaces for use by the police service and its partners. 3. Produce, or assist in the production of the Application Functional Specification and the Technical Specification and subsequently produce program specifications for team members to work to. 4. Utilise design/development tools in accordance with development and documentation standards to create efficient, well documented, reusable code ensuring that ongoing support and future enhancements can be carried out effectively. 5. Debug and test program code, investigate problems and identify solutions to prevent re-occurrence and participate in application testing prior to handover to the relevant team to ensure it meets the user's specification. 6. Conduct coding reviews and propose design changes that will either improve the maintainability, functionality or performance of the solution. 7. Monitor and contribute to professional/expert sources of help, guidance and best practice, e.g. MSDN, Internet discussion groups, to maximise code re-use and ensure that contemporary, industry standard practices and tools are adopted. 8. Assist during the analysis stage of the project as required ensuring that user requirements are understood and met. 9. Maintain and support the applications and infrastructure to meet SLA and performance targets.	

Dimensions (Financial/Statistical/Mandates/Constraints/No. of direct reports)
• Responsible for seeking professional advice/guidance/knowledge from other IT professionals within the industry. • Provide technical advice to other members of the department as and when required. • Maintain and support the department's quality policy by working to the documented procedures and adhere to the data protection principles.

Work/Business contacts
Internal: Work closely with all other members of the YHRCCU and YHUCOL department and liaise with other Divisions/Departments.

External:	Consultation with professional developers in other organisations, with suppliers, other forces and Home Office.

Expertise in Role Required (At selection - Level 1)	**Essential or Desirable**
• Proven experience in an IT Development role of designing and developing applications for use in Windows, web or mobile environments.	Essential
• Knowledge of data access principles and experience in writing database access software.	Essential
• Degree in Computer Studies OR equivalent OR relevant training.	Essential
• Ability to provide assistance in creating test plans and test cases; capable of executing test plans.	Desirable
• Experience in the development of applications using various programming languages	Desirable
• Experience in the development of applications that utilise MS SQL server database	Desirable
• Experience in the use of MS Visual Studio.Net integrated development environment	Desirable
• Experience of the use of software design tools.	Desirable
Other (Physical, mobility, local conditions)	
• Willingness and ability to travel for business purposes	Desirable

Expertise in Role - After initial development - Level 2
• Experienced in the system development lifecycle, as well as accepted system development principles (testing, change control).
• Trained in relevant system development tools
• Understanding of West Yorkshire Police organisational structure
• Understanding of West Yorkshire Police computer infrastructure and applications
• Commenced software development projects
• Experience of managing applications and solutions to meet SLA targets in the YHROCU and national Police environment

Structure

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                    │     YHROCU SLT      │
                    └──────────┬──────────┘
                    ┌──────────┴──────────┐
                    │ YHRCCU Prepare supervisor │
                    └──────────┬──────────┘
                    ┌──────────┴──────────┐
                    │ Development Officer │
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PART B – COMPETENCIES & VALUES

Competency and Values Framework –   http://www.college.police.uk/What-we-do/Development/competency-and-values-framework/Documents/Competency-and-Values-Framework-for-Policing_4.11.16.pdf   **Select one level**   Level 1 –Practitioner

PART C - DEVELOPMENT OF ROLE

Expertise in Role (Advanced - Level 3)
• Knowledge of key police IT systems   • Autonomy in project building and knowledge of Prince2 and Agile principals.   • Has built effective working relationships with all ROCU departments and International and National partners to ensure best evidence and exploit opportunities to disrupt criminal activity affecting the region and the UK   • Has qualified in relevant cyber training courses and demonstrated the ability to apply this knowledge.   • Has proven the ability to code in a variety of languages depending on the needs of the project.

PART D - ACCESS & VETTING

Standard IT Access	Default
Police Building (Perimeter and Zone access)	Perimeter Access to buildings where based
Vetting Level	SC
Date accepted as a role profile	21st May 2020